



**Planning, Development
and Transportation**

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DATE: 05.23.2016
TO: ProTrak
FROM: Bill McDow
Transportation Planning

■ **SUMMERWALK PHASE 1 [TRC Plan Review #4]**

All comments are based on adopted policy documents, specific City of Wilmington Land Development Code (CofW LDC) and City of Wilmington Technical Standards and Specifications Manual (CofWTSSM) requirements in effect at the time of this review. These have been noted after the comment as appropriate for your ease in further research.

The City Engineer may administratively approve dimensional variance requests per LDC Sec. 18-348. If the Applicant feels further interpretation is in order, please contact Transportation Planning directly to discuss in additional detail. Please apply for all administrative variances in writing, an email is acceptable or this may be included on the plan set. Please see Sec. 18-348 of the Land Development Code for the information required to process a variance request.

NCDOT:

- It is the Applicant's responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions/ review processes are required. Contact Allan Pytcher, PE at 910. 251.2655. Please note additional comments may be forthcoming once coordination occurs.

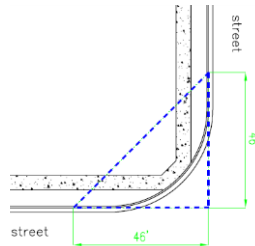
TECHNICAL STANDARDS – NEW ROADS:

1. The proposed NCDOT pavement cross section shows a single layer of pavement (3" SF 9.5 surface course) and 6" ABC base material. The turn lanes and overlay must be compatible with the materials for Greenville Loop Road. Coordination with the Streets Department manager (Jay Carter) and Traffic Engineering, (Randall Glazier and Denys Vielkanowitz) must be made to get the proper street cross section and pavement markings.
2. Contact Street Department and Traffic Engineering to show the pavement and lane improvements for Greenville Loop Rd.
3. The Sheet R-1 Greenville Loop Roadway Improvements refers to a sheet C-10 for pavement markings and striping details, however, Sheet C-10 is not included in this submission.
4. The street name for Newport Plaza is missing from the plans. Please add it to all applicable project sheets.
5. The street name for Greenville Mears Road has changed to Watch Hill Way. Please modify plans to show this change, such as Utility plan on sheet C-4-2.
6. The NB /SB Street (16' Wide Street) that connects Bungalow Row and Cane Island Place does not have a street name shown. Contact City GIS and secure a street name for this road.
7. The street name for Richard Bradley Drive within this subdivision does not use the "Extension or Ext." name. Please modify plans and street cross section drawings with this change.
8. Please clarify the newly created streets from the driveways for this project. Streets will require 35' street corner radius, 46'X46' Sight Distance Triangles, and the street ROW shown.

9. Label the street corner radius for each street corner. As previously stated, the minimum street corner radii is 35' for city streets. [\[7-5 CofW Tech Stds\]](#)

TECHNICAL STANDARDS – ACCESS (driveway, sidewalk, and sight distance)

10. The standard width for a Standard Multi-use path is 10' not 8' width. Increase the path width to 10'.
11. The proposed street trees along Greenville Loop Road appear to be within the 46'x46' sight distance triangles for Tamarisk Lane and Richard Bradley Drive.
12. The proposed spillway for Infiltration basin #1 and infiltration basin #8 appears to be designed to overflow onto the Multi-use Path. Please state at what times/ conditions will this overflow take place? (1 yr. flood condition, 25 yr. flood, 50 yr. flood, or some other condition, such as after 3 inches of rain fall, etc.)
13. The proposed Rip Rap for Infiltration basin #8 is directly adjacent to the Multi-use Path. Provide a minimum of 3' separation from the path to the Rip Rap boundary to prevent erosion and or tripping hazards for trail users.
14. Show and apply the City's 46'x46' sight distance triangle at each street corner intersection on the site plan and landscaping plan. [\[Sec.18-529\(c\)\(3\)CofW LDC\]](#) Add a note indicating that all proposed vegetation within sight triangles shall not interfere with clear visual sight lines from 30"-10'. [\[Sec.18-566 CofW LDC\]](#)



TECHNICAL STANDARDS – PARKING:

15. The site plans show a transition from standard Type A curb to valley curb. Valley curb is not allowed on 60' Commercial and 60' Residential ROW, Greenville Loop Rd curb and gutter, or the proposed Turn lanes. [\[7-4 CofW Tech Stds\]](#)

GENERAL NOTES TO ADD TO THE PLAN:

- A. Contact Traffic Engineering at 341-7888 to ensure all traffic signal facilities, overhead fiber optic cable and equipment within 500 feet of the site are shown on the plan.
- B. Add a note to call Traffic Engineering forty-eight (48) hours prior to any excavation in the ROW.
- C. Contact Traffic Engineering at (910) 341-7888 to discuss street lighting options.
- D. Contact Traffic Engineering to discuss Pavement Markings and Traffic Signal/ Loop changes.

MISCELLANEOUS:

- ❖ Permitting of business identification signage is a separate process. NCDOT/ City of Wilmington will not allow obstructions within the right of way.

Please let me know if you have any questions or if I can be of further assistance as this development moves through the review process.